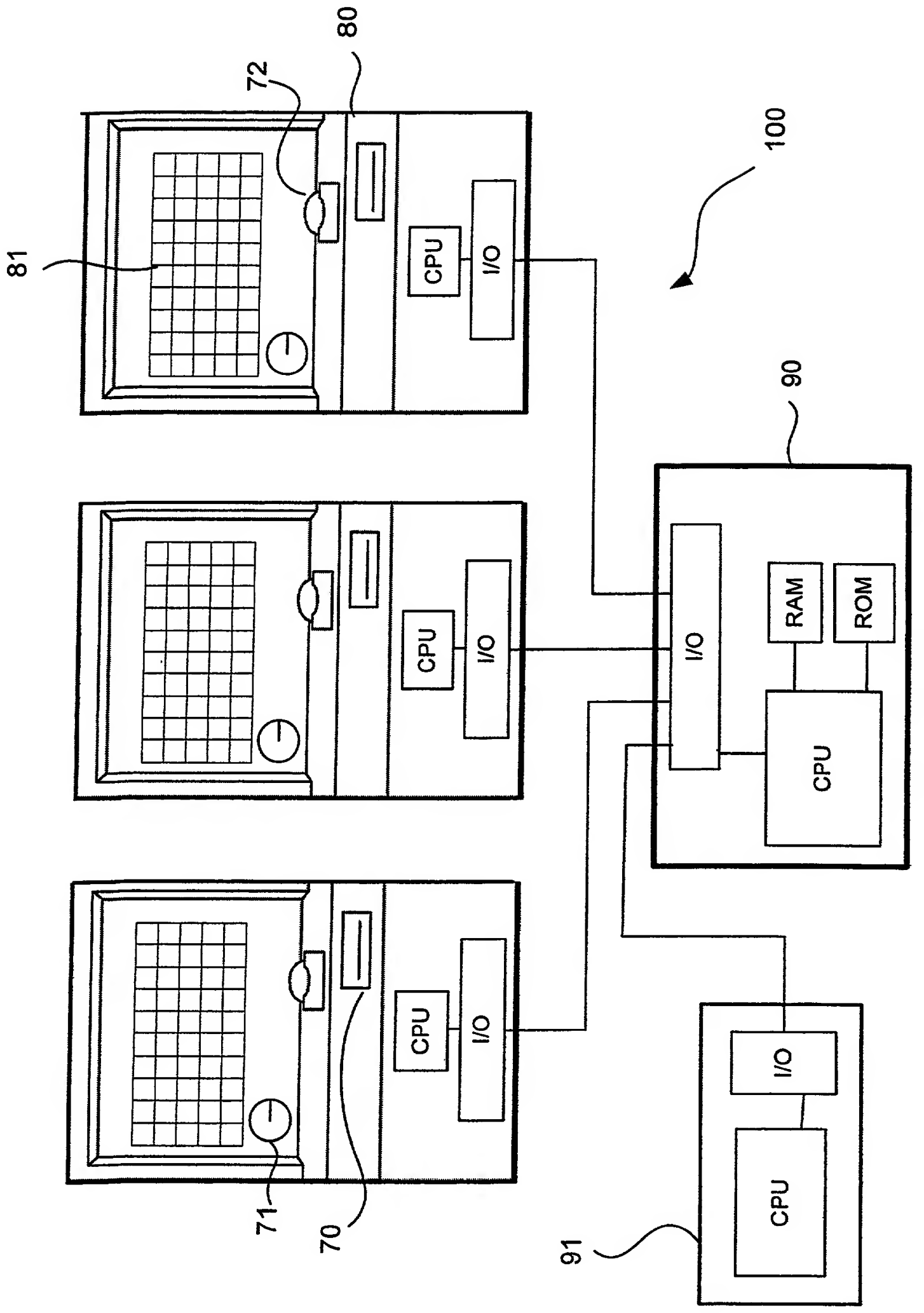
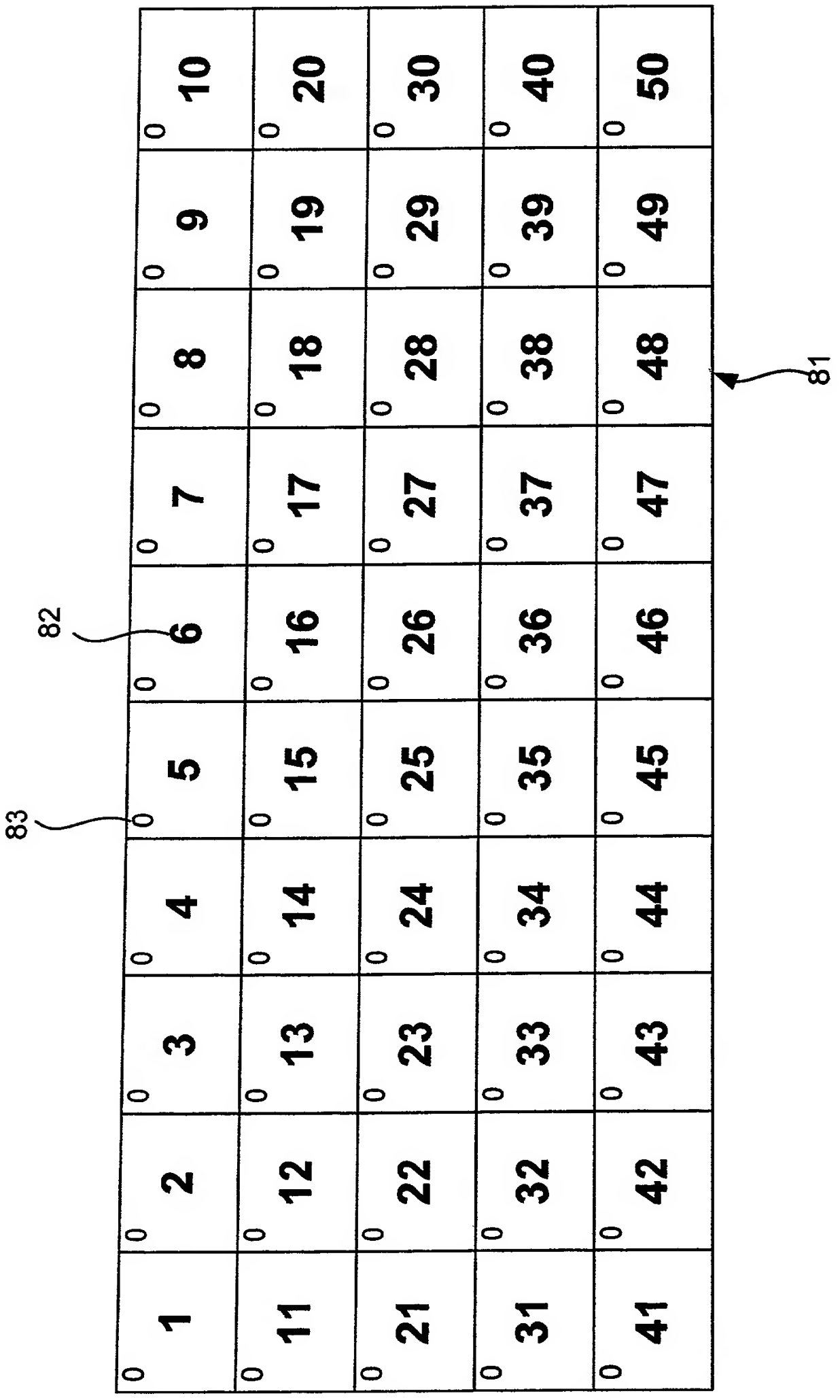


FIG. 1


81
82
83
0 10
0 20
0 30
0 40
0 50
0 9
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0 29
0 39
0 49
0 8
0 18
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0 48
0 7
0 17
0 27
0 37
0 47
0 6
0 16
0 26
0 36
0 46
0 5
0 15
0 25
0 35
0 45
0 4
0 14
0 24
0 34
0 44
0 3
0 13
0 23
0 33
0 43
0 2
0 12
0 22
0 32
0 42
0 1
0 11
0 21
0 31
0 41

FIG. 2

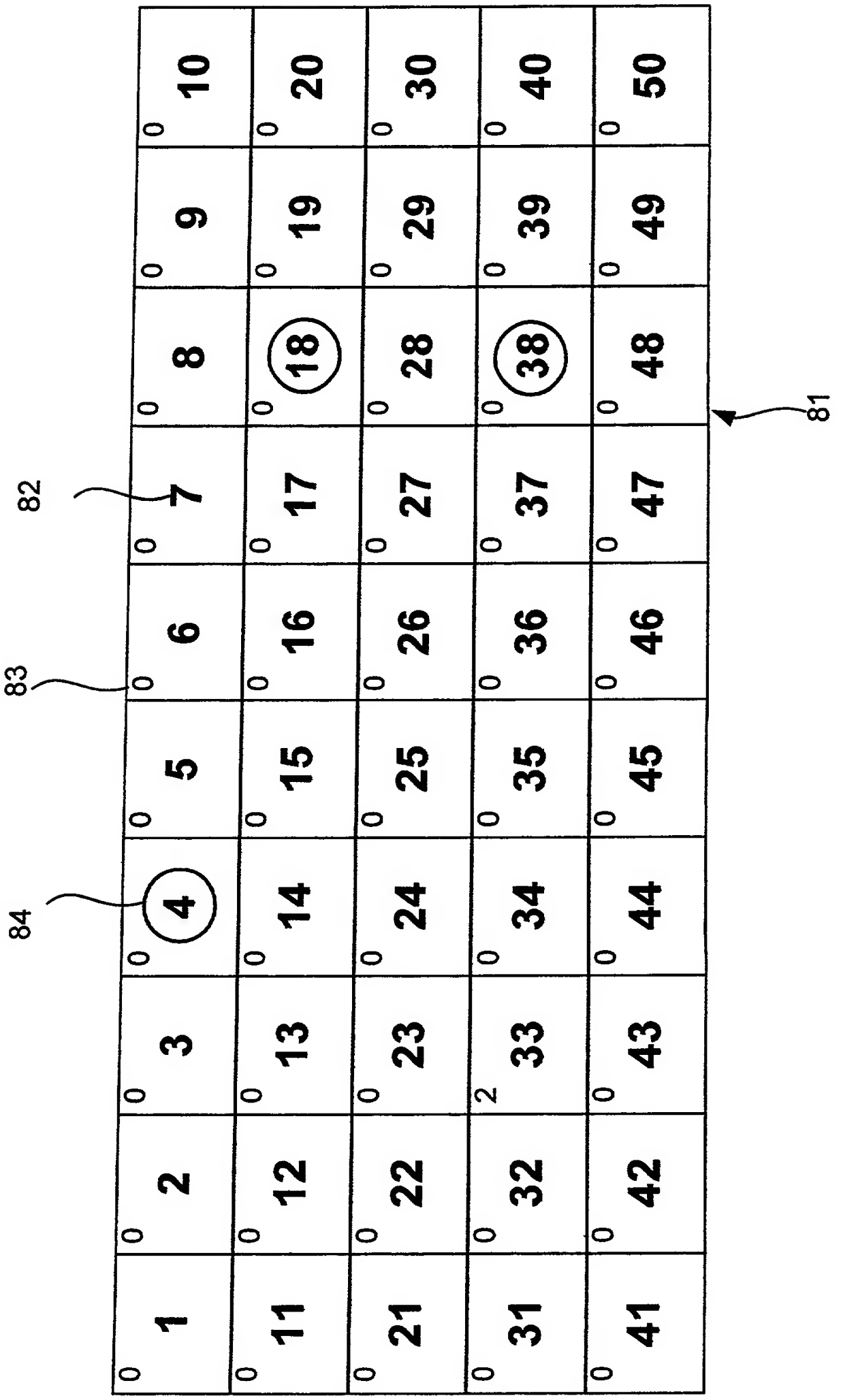
82
83
84
81
0 10 0 20 0 30 0 40 0 50
0 9 0 19 0 29 0 39 0 49
0 8 0 18 0 28 0 38 0 48
0 7 0 17 0 27 0 37 0 47
0 6 0 16 0 26 0 36 0 46
0 5 0 15 0 25 0 35 0 45
0 4 0 14 0 24 0 34 0 44
0 3 0 13 0 23 2 33 0 43
0 2 0 12 0 22 0 32 0 42
0 1 0 11 0 21 0 31 0 41

FIG. 3

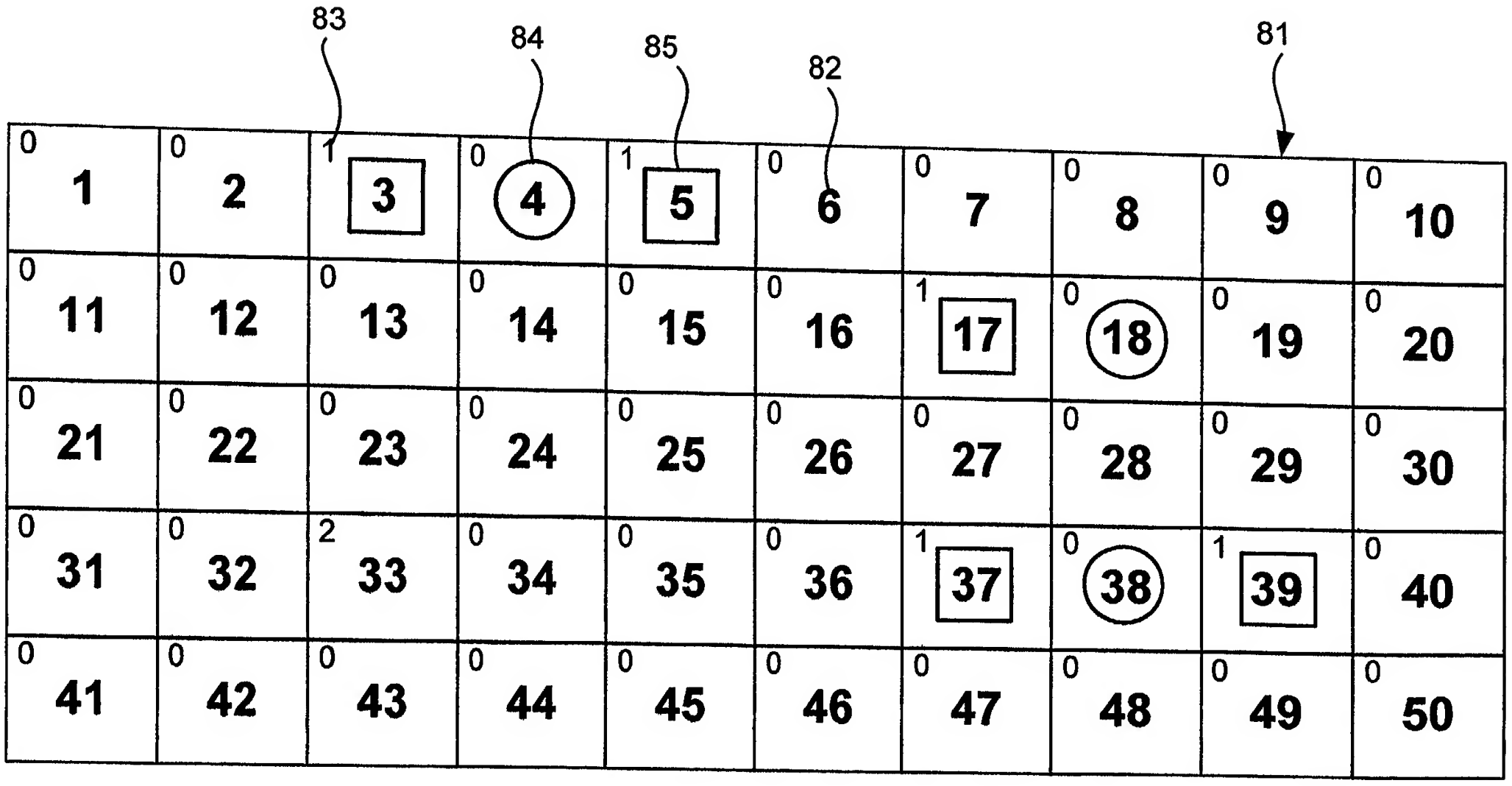

FIG. 4

Michael L. White
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Attorney Docket No. 5058US
Sheet 4 of 10
Contact: J.A. Walkowski
(801) 532-1922

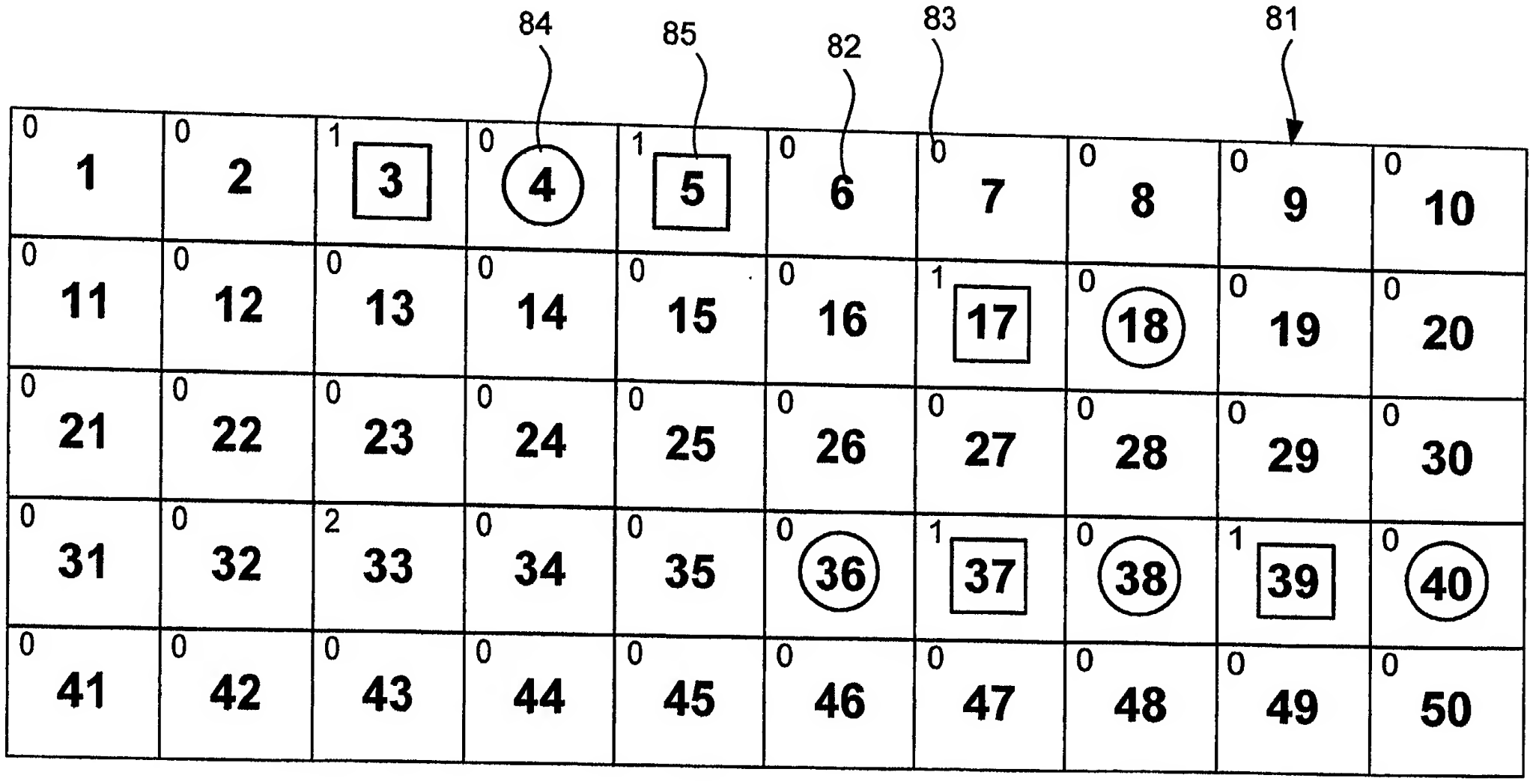

FIG. 5

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Attorney Docket No. 5058US
Sheet 5 of 10
Contact: J.A. Walkowski
(801) 532-1922

Patent Application

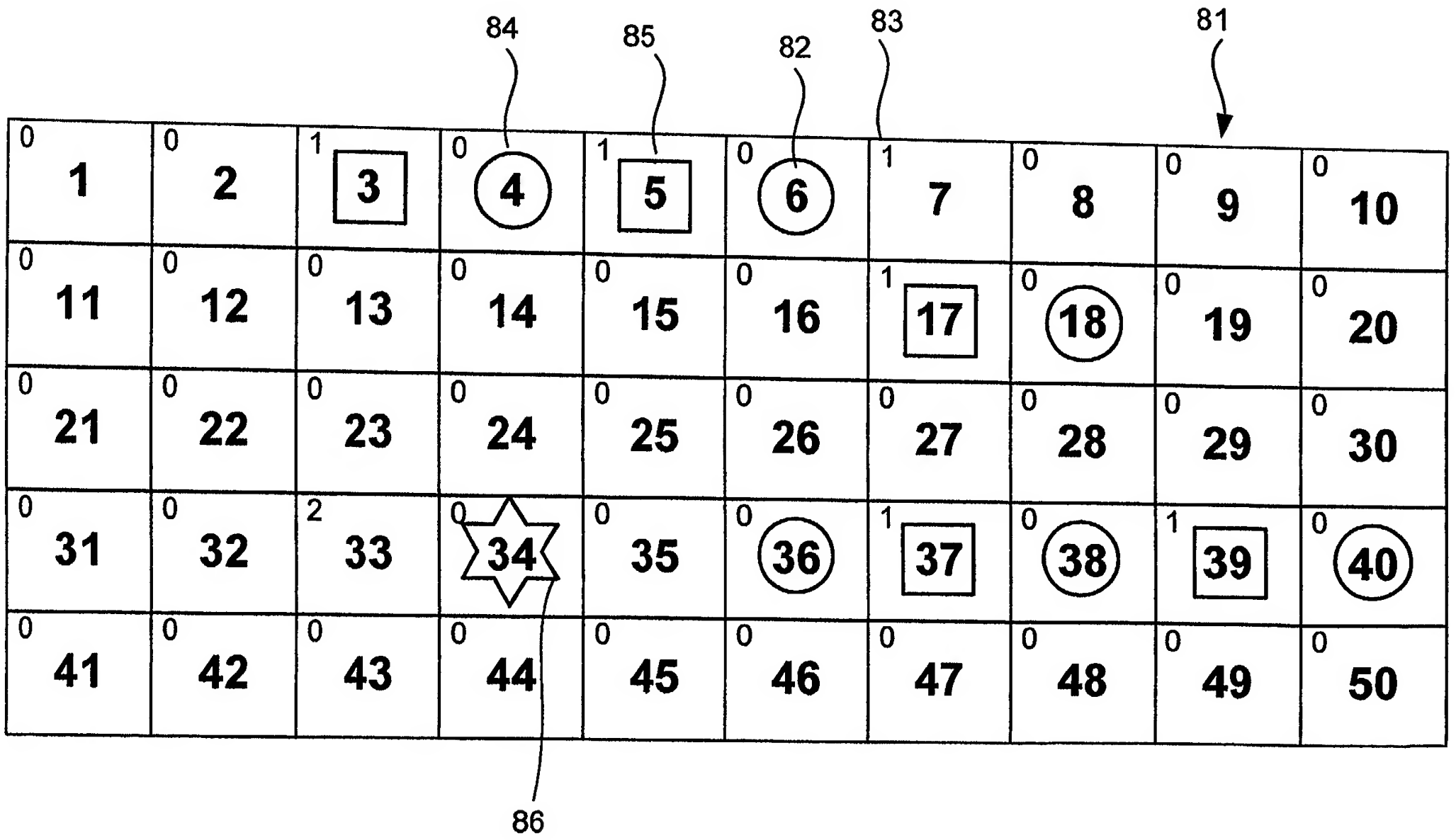

FIG. 6

Michael L. White
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Attorney Docket No. 5058US
Sheet 6 of 10
Contact: J.A. Walkowski
(801) 532-1922

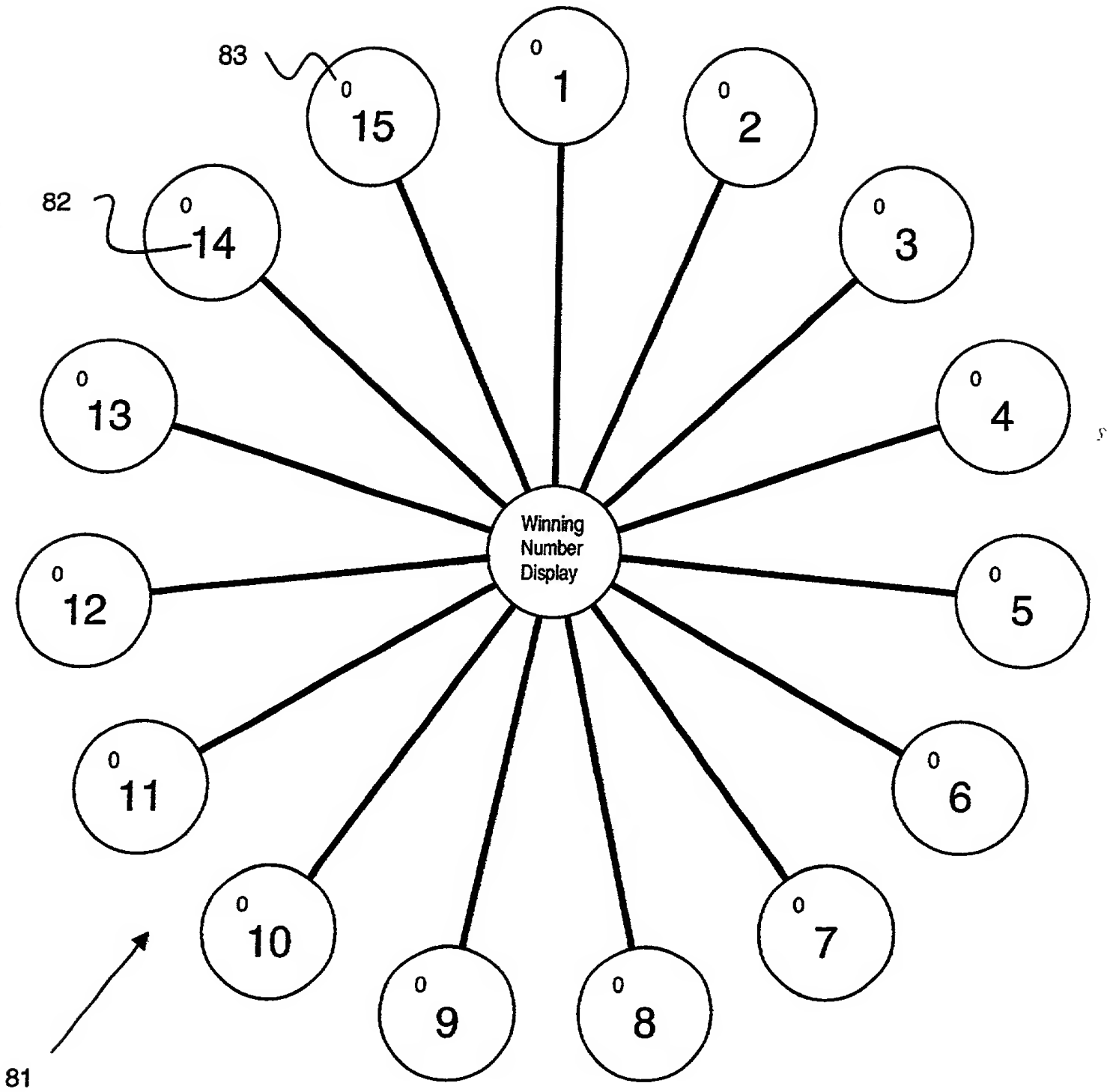
83
0
15
0
1
0
2
82
0
14
0
3
0
13
0
4
Winning
Number
Display
0
12
0
5
0
11
0
6
0
10
0
7
0
9
0
8
81

FIG. 7

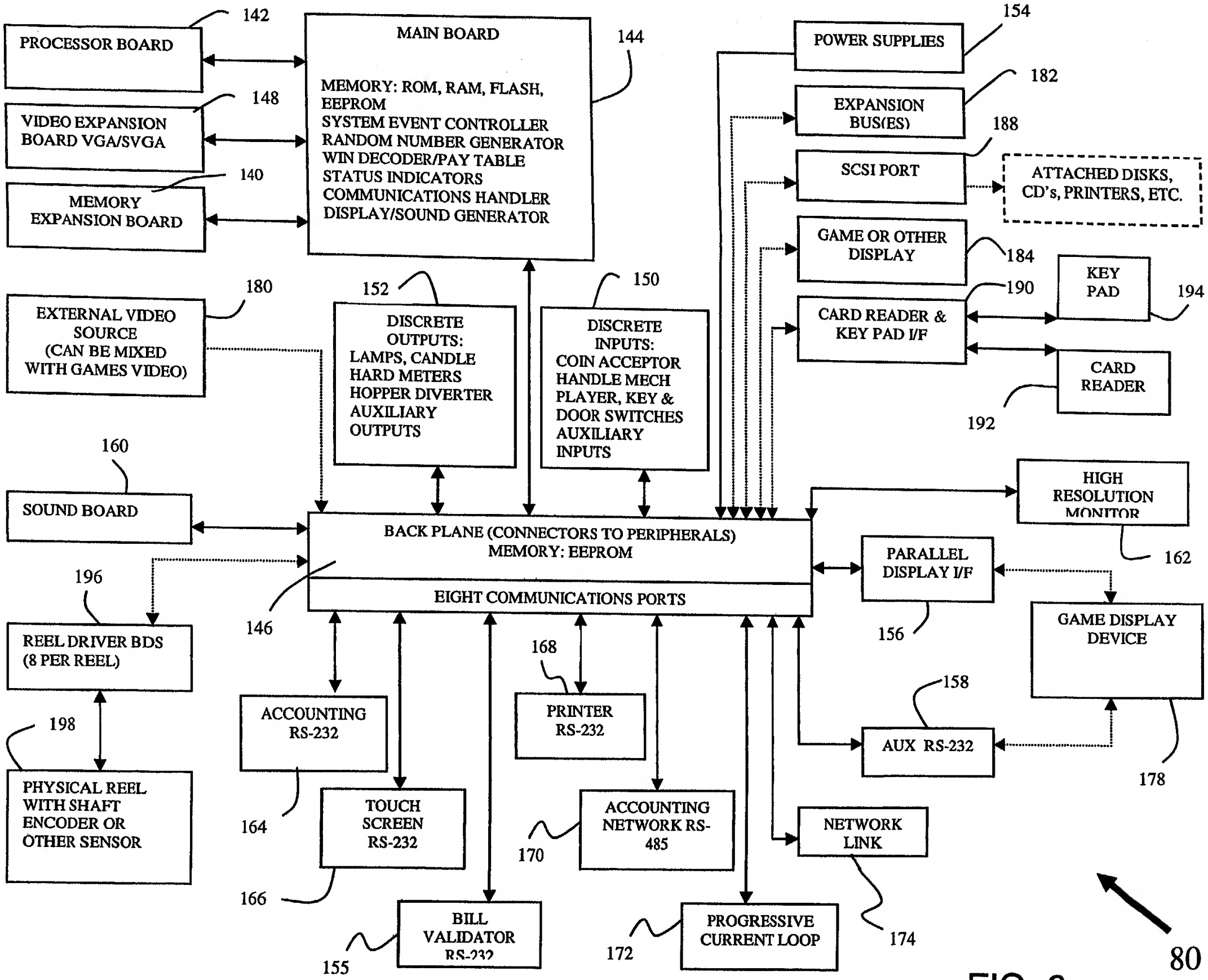
PROCESSOR BOARD
142
MAIN BOARD
144
MEMORY: ROM, RAM, FLASH, EEPROM
SYSTEM EVENT CONTROLLER
RANDOM NUMBER GENERATOR
WIN DECODER/PAY TABLE
STATUS INDICATORS
COMMUNICATIONS HANDLER
DISPLAY/SOUND GENERATOR
VIDEO EXPANSION BOARD VGA/SVGA
148
MEMORY EXPANSION BOARD
140
POWER SUPPLIES
154
EXPANSION BUS(ES)
182
SCSI PORT
188
ATTACHED DISKS, CD's, PRINTERS, ETC.
GAME OR OTHER DISPLAY
184
KEY PAD
194
CARD READER & KEY PAD I/F
190
CARD READER
192
EXTERNAL VIDEO SOURCE (CAN BE MIXED WITH GAMES VIDEO)
180
DISCRETE OUTPUTS: LAMPS, CANDLE HARD METERS HOPPER DIVERTER AUXILIARY OUTPUTS
152
DISCRETE INPUTS: COIN ACCEPTOR HANDLE MECH PLAYER, KEY & DOOR SWITCHES AUXILIARY INPUTS
150
SOUND BOARD
160
HIGH RESOLUTION MONITOR
162
BACK PLANE (CONNECTORS TO PERIPHERALS)
MEMORY: EEPROM
EIGHT COMMUNICATIONS PORTS
146
PARALLEL DISPLAY I/F
156
GAME DISPLAY DEVICE
196
REEL DRIVER BDS (8 PER REEL)
198
PHYSICAL REEL WITH SHAFT ENCODER OR OTHER SENSOR
ACCOUNTING RS-232
164
TOUCH SCREEN RS-232
166
168
PRINTER RS-232
158
AUX RS-232
178
ACCOUNTING NETWORK RS-485
170
NETWORK LINK
174
BILL VALIDATOR RS-232
155
PROGRESSIVE CURRENT LOOP
172
80

FIG. 8

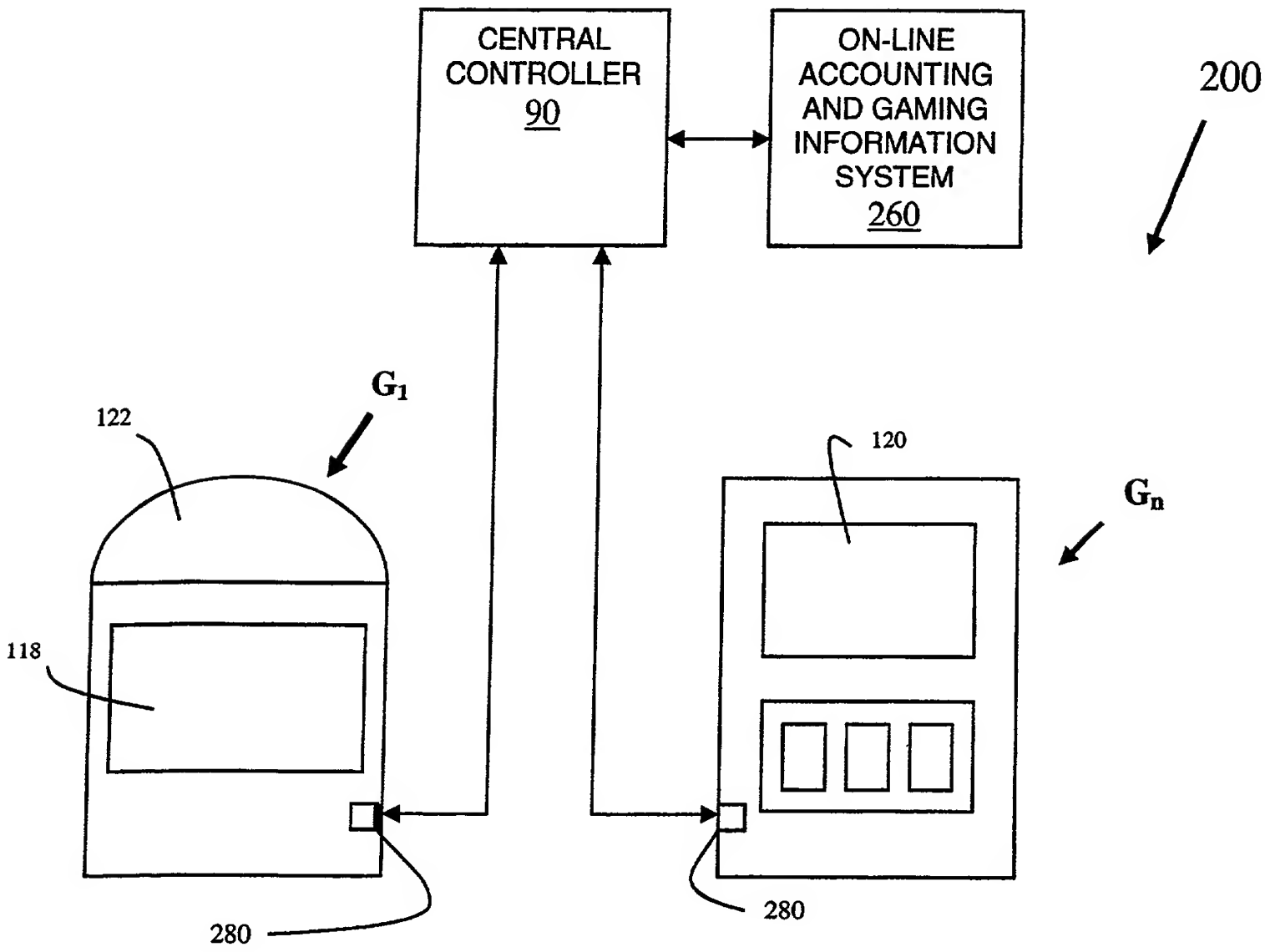
CENTRAL CONTROLLER 90
ON-LINE ACCOUNTING AND GAMING INFORMATION SYSTEM 260
200
G_1
122
118
280
120
G_n
280

FIG. 9

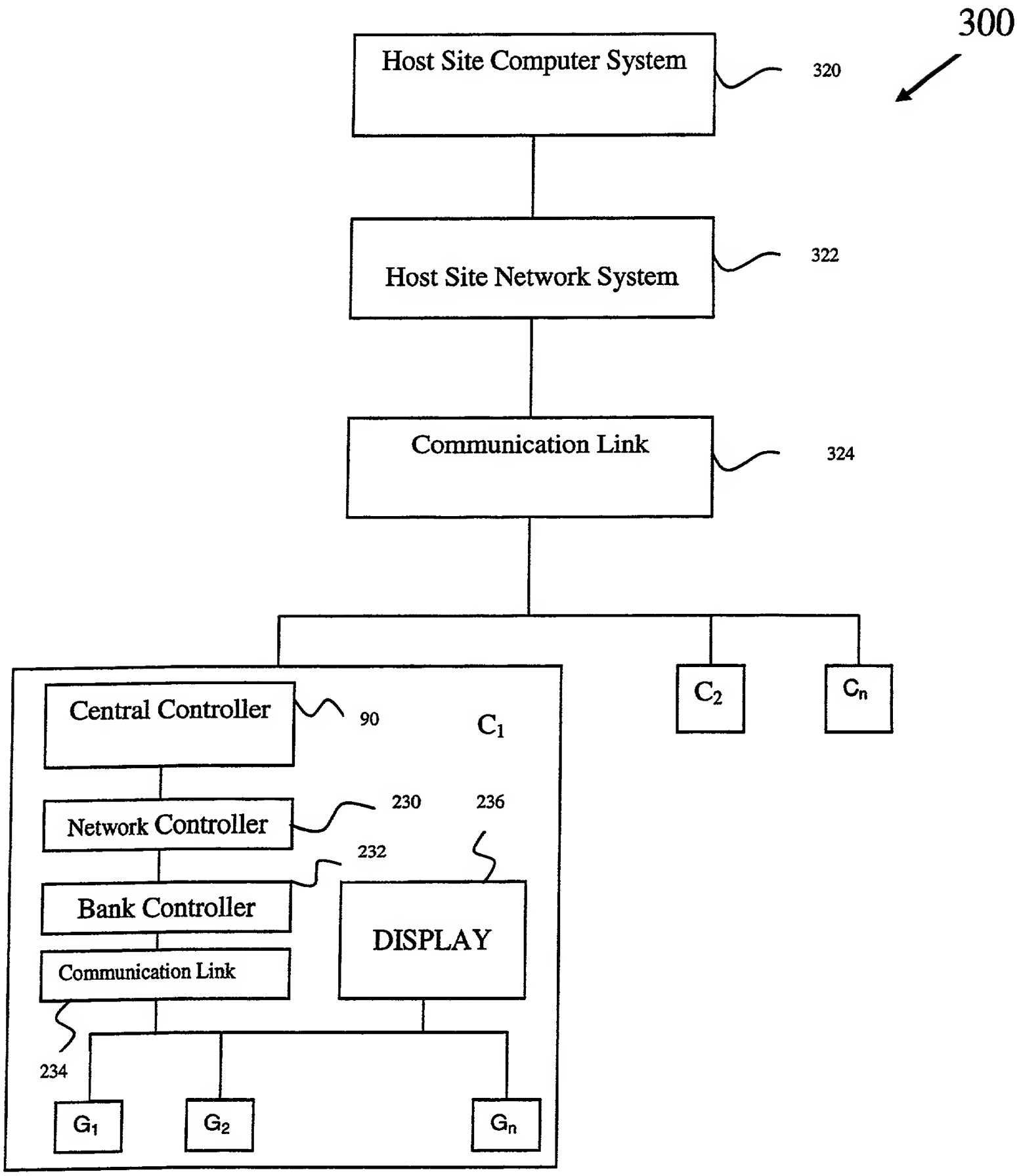
300
Host Site Computer System
320
Host Site Network System
322
Communication Link
324
C1
C2
Cn
Central Controller
90
Network Controller
230
236
232
Bank Controller
DISPLAY
Communication Link
234
G1
G2
Gn

FIG. 10